

Serial No.: 10/696,184
Art Unit: 2625

Please amend the present application as follows:

Claims

The following is a copy of Applicant's claims that identifies language being added with underlining ("___") and language being deleted with strikethrough ("—"), as is applicable:

1. (Previously Presented) A method for automatically scaling an image, the method comprising:
 - scanning an original image at an initial scanning resolution;
 - detecting lateral edges of the original image;
 - determining the width of the original image based upon the detected lateral edges;
 - making a size presumption of the original image based upon the determined width;
 - making a scanning resolution determination based upon the size presumption;
 - and
 - continuing scanning of the original image based upon the scanning resolution determination.
2. (Previously Presented) The method of claim 1, wherein the size presumption is based upon an aspect ratio assumption.
3. (Previously Presented) The method of claim 1, further comprising adjusting the scanning resolution based upon the scanning resolution determination to obtain a new scanning resolution.

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4. (Original) The method of claim 3, wherein the scanning resolution is adjusted downwardly.

5. (Original) The method of claim 3, wherein the new scanning resolution is calculated so as to maximize the image within a screen of a display device.

6. (Original) The method of claim 3, wherein the new scanning resolution comprises one of several possible predetermined scanning resolutions.

7. (Original) The method of claim 3, further comprising downsampling already collected scanned data such that it has the same resolution as the new scanning resolution.

8. (Previously Presented) The method of claim 1, further comprising making a second size presumption if a bottom edge is not detected where expected based upon the previous size presumption.

9. (Previously Presented) The method of claim 8, further comprising making a second scanning resolution determination based upon the second size presumption.

10. (Original) The method of claim 9, further comprising adjusting the scanning resolution based upon the second scanning resolution determination to obtain a new scanning resolution.

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11. (Original) The method of claim 10, wherein the scanning resolution is adjusted downwardly.

12. (Original) The method of claim 11, further comprising downsampling already collected scanned data such that it has the same resolution as the new scanning resolution.

13. (Previously Presented) A computer readable medium having a computer program configured to provide automated image scaling functionality, the computer readable medium comprising:

logic configured to detect the positions of lateral edges of the original image;

logic configured to determine the width of the original image based upon the positions of the lateral edges;

logic configured to make a size presumption of the original image based upon the determined width; and

logic configured to make a scanning resolution determination based upon the size presumption.

14. (Previously Presented) The computer readable medium of claim 13, further comprising logic configured to adjust the scanning resolution based upon the scanning resolution determination.

15. (Previously Presented) The computer readable medium of claim 14, further comprising logic configured to downsample already collected scanned data.

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16. (Previously Presented) The computer readable medium of claim 13, further comprising logic configured to make a second size presumption if a bottom edge is not detected where expected based upon the previous size presumption.

17. (Previously Presented) The computer readable medium of claim 16, further comprising logic configured to make a second scanning resolution determination based upon the second size presumption.

18. (Previously Presented) The computer readable medium of claim 17, further comprising logic configured to adjust the scanning resolution based upon the second scanning resolution determination to obtain a new scanning resolution.

19. (Previously Presented) The computer readable medium of claim 18, further comprising logic configured to downsample already collected scanned data such that it has the same resolution as the new scanning resolution.

20. (Previously Presented) A scanner comprising:
means for initially scanning an original image at an initial scanning resolution;
means for detecting the relative positions of lateral edges of the original image;
means for determining the width of the original image based upon the positions of the lateral edges;
means for making an initial size presumption of the original image based upon the determined width;

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means for making a first scanning resolution determination based upon the initial size presumption; and

means for continuing scanning of the original image based upon the first scanning resolution determination.

21. (Previously Presented) The scanner of claim 20, further comprising means for adjusting the scanning resolution based upon the first scanning resolution determination to obtain a new scanning resolution.

22. (Previously Presented) The scanner of claim 21, further comprising means for downsampling already collected scanned data such that it has the same resolution as the new scanning resolution.

23. (Previously Presented) The scanner of claim 20, further comprising means for making a second size presumption if a bottom edge is not detected where expected based upon the initial size presumption.

24. (Previously Presented) The scanner of claim 23, further comprising means for making a second scan resolution determination based upon the second size presumption.

25. (Previously Presented) The scanner of claim 24, further comprising means for adjusting the scanning resolution based upon the second scanning resolution determination to obtain a new scanning resolution.

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26. (Previously Presented) The scanner of claim 25, further comprising means for downsampling already collected scanned data such that it has the same resolution as the new scanning resolution.

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